

IAP13 Rec'd PCT/PTO 02 FEB 2007 FEB 02 2007

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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 4749-010 |
| | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/595,957 |
| INTERNATIONAL APPLICATION NO. PCT/JP04/017188 | INTERNATIONAL FILING DATE November 18, 2004 | PRIORITY DATE CLAIMED November 21, 2003 |
| TITLE OF INVENTION INJECTION NEEDLE | | |
| APPLICANT(S) FOR DO/EO/US Yukio KAWASHIMA | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (8) and (21) as indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under CFR 1.76 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825 18. <input type="checkbox"/> A second copy of the published International application under 35 U.S.C. 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4) 20. <input type="checkbox"/> Other items or information: | | |

CERTIFICATION OF FACSIMILE TRANSMISSION
 I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIM-
 ILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE
 ON THE DATE SHOWN BELOW
 Melissa Salore
 TYPE OR PRINT NAME OF PERSON SIGNING CERTIFICATION
 Signature: Melissa Salore 2/2/07
 DATE: 2/2/07

FACSIMILE NUMBER
071-273-8300

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. PCT/JP04/017188 | | ATTORNEY'S DOCKET NUMBER 4749-010 | |
| The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY |
| 21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... | | | | \$ 300.00 | \$ 0.00 |
| 22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) | | | | | |
| If the written opinion prepared by USI/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | \$ 0 | \$ 0.00 |
| All other situations..... | | | | \$ 200.00 | |
| 23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) | | | | | |
| If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | \$ 0 | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority..... | | | | \$ 100.00 | |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... | | | | \$ 400.00 | |
| All other situations..... | | | | \$ 500.00 | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 0.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 =0 | | × \$250.00 | \$ 0.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ 130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total Claims | 0 - 20 = | 0 | × \$ 50.00 | \$ 0.00 | |
| Independent Claims | - 3 = | 0 | × \$200.00 | \$ 0.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ 0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 130.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ 0.00 | |
| SUBTOTAL = | | | | \$ 130.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ 0.00 | |
| TOTAL NATIONAL FEE = | | | | \$ 130.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ 0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 130.00 | |
| 130.00 OP | | | | Amount to be refunded: | |
| | | | | Amount to be charged | 130.00 |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____,00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 07-1337 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1337. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. Kindly use the attorneys' address associated with the following Customer Number for future correspondence.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>LOWE HAUPTMAN & BERNER, LLP 1700 Diagonal Road, Suite 300 Alexandria, VA 22314 (703) 684-1111</p> <p>Customer No. 22429 PATENT TRADEMARK OFFICE</p> <p><i>Allan M. Lowe</i> SIGNATURE Allan M. Lowe NAME 19,641 REGISTRATION NUMBER</p> | | | | | |

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